

**CHARACTERS IN DETAIL**

**Panicle**

Type	equilateral
Branch Attitude	horizontal

**Spikelets**

Attitude	
Frequency of 3-grain spikelets	

**Awns**

Abundance	very weak
-----------	-----------

**Glumes**

Length	medium
Glaucosity	medium

**Primary Grain**

Husk	present
Lemma - glaucosity - intensity	medium
Lemma - colour	white
Lemma - length	medium to long
Lemma - hairiness of back	absent
Basal hairs - length	short-medium
Rachilla - length	medium

**Culm**

Upper culm node hairs - presence	absent
Upper culm node hairs - intensity	very weak

**Plant growth characters**

Plant - growth habit	semi-erect
Lower leaves - hairiness of sheaths	absent
Leaf blade - hairiness of leaf margin below flag	absent or very weak
Plant - height (stem and panicle)	medium
Time of panicle emergence	medium

## ASPEN

### CHARACTERS IN DETAIL

#### Panicle

Type  
 Branch Attitude semi-erect

#### Spikelets

Attitude  
 Frequency of 3-grain spikelets

#### Awns

Abundance very weak

#### Glumes

Length medium  
 Glaucosity medium

#### Primary Grain

Husk present  
 Lemma - glaucosity - intensity absent or very weak  
 Lemma - colour yellow  
 Lemma - length short to medium  
 Lemma - hairiness of back absent  
 Basal hairs - length medium  
 Rachilla - length medium

#### Culm

Upper culm node hairs - presence absent  
 Upper culm node hairs - intensity n/a

#### Plant growth characters

Plant - growth habit erect to semi-erect  
 Lower leaves - hairiness of sheaths absent  
 Leaf blade - hairiness of leaf margin below flag absent or very weak  
 Plant - height (stem and panicle) short to medium  
 Time of panicle emergence early to medium

Variety Name: **Asterion**

Crop: **Oat**

Breeder's Reference: NORD 18/221

AFP No:

Breeder: NORDSAAT

Translated from: German

Origin:

Date: 20 April 2023

Code: ASRI

**\*Plant - growth habit:**

intermediate

**Lower leaves - hairiness of sheaths:**

absent to weak

**\*Leaf blade - hairiness of leaf margins below flag leaf:**

absent to very weak

**\*Time of panicle emergence:**

medium

**\*Plant - height (stem and panicle):**

medium to long

**Frequency of plants with recurved flag leaves:**

medium

**Flag leaf - glaucosity of sheath:**

medium to strong

**\*Culm - hairiness of uppermost node:**

absent to very weak

**Culm - intensity of hairiness of uppermost node:**

**Panicle - type:**

semi-erect

**Panicle - branch attitude:**

**Panicle - length:**

**Spikelets - attitude:**

**Spikelets - frequency 3- grained spikelets:**

medium to strong

**Glumes - glaucosity:**

**Glumes - fluorescence:**

**Glumes - length:**

short to medium

**\*Primary grain - husk:**

present

**Primary grain - tip acuteness:**

**\*Primary grain - lemma glaucosity:**

weak

**Primary grain - tendency to be awned:**

weak to medium

**Primary grain - lemma length:**

short to medium

**\*Primary grain - lemma colour:**

yellow

**Primary grain - lemma hairiness of back (not white or yellow):**

**Primary grain - basal hairs abundance:**

weak to medium

**Primary grain - basal hairs length:**

short to medium

**Primary grain - rachilla length:**

medium

**Primary grain - rachilla width:**

**Primary grain - rachilla grooves:**

**Primary grain - rachilla hairs:**

**Seasonal type:**

Spring

**Extra characters:**

\* = Characteristics which should always be included in the description of the variety.

20 April 2023

## Spring Oats

[AFP 3/524]

# AVON

### CHARACTERS IN DETAIL

#### Grain

Colour of lemma yellow

#### Plant

Growth habit semi-erect to intermediate  
Lower leaf sheath hairiness absent or very weak  
Hairiness of leaf margins below flag leaf absent or very weak  
Frequency of plants with recurved flag leaves high  
Time of panicle emergence medium  
Glaucosity of flag leaf sheath medium to strong  
Length (stem and panicle) long to very long

#### Stem

Hairiness of uppermost node absent or very weak

#### Glumes

Glaucosity medium to strong  
Length medium

#### Panicle

Attitude of branches horizontal  
Length medium to long

#### Primary Grain

Lemma glaucosity medium to strong  
Husk present  
Hairiness of back of lemma not applicable  
Hairiness of base medium  
Length of basal hairs medium  
Frequency of awns absent or low  
Lemma length short to medium  
Length of rachilla medium

# ATEGO

## CHARACTERS IN DETAIL

### Panicle

Type	sub-unilateral
Branch Attitude	semi-erect to horizontal

### Spikelets

Attitude	pendulous
Frequency of 3-grain spikelets	

### Awns

Abundance	medium
-----------	--------

### Glumes

Length	medium
Glaucosity	medium

### Primary Grain

Husk	present
Lemma - glaucosity - intensity	very weak
Lemma - colour	yellow
Lemma - length	medium to long
Lemma - hairiness of back	
Basal hairs - length	short-medium
Rachilla - length	medium

### Culm

Upper culm node hairs - presence	absent
Upper culm node hairs - intensity	n/a

### Plant growth characters

Plant - growth habit	intermediate
Lower leaves - hairiness of sheaths	absent
Leaf blade - hairiness of leaf margin below flag	absent or very weak
Plant - height (stem and panicle)	short to medium
Time of panicle emergence	medium

## BULLION

### CHARACTERS IN DETAIL

#### Panicle

Type	equilateral
Branch Attitude	semi-erect

#### Spikelets

Attitude	
Frequency of 3-grain spikelets	

#### Awns

Abundance	absent or very weak
-----------	---------------------

#### Glumes

Length	medium
Glaucosity	weak

#### Primary Grain

Husk	absent (naked type)
Lemma - glaucosity - intensity	medium
Lemma - colour	white
Lemma - length	medium
Lemma - hairiness of back	absent
Basal hairs - length	short
Rachilla - length	long

#### Culm

Upper culm node hairs - presence	absent
Upper culm node hairs - intensity	

#### Plant growth characters

Plant - growth habit	semi-erect
Lower leaves - hairiness of sheaths	absent
Leaf blade - hairiness of leaf margin below flag	absent or very weak
Plant - height (stem and panicle)	short to medium
Time of panicle emergence	early

## Spring Oats

[AFP 3/478]

# CALEDON

### CHARACTERS IN DETAIL

#### Grain

Colour of lemma yellow

#### Plant

Growth habit semi-erect  
Lower leaf sheath hairiness absent or very weak  
Hairiness of leaf margins below flag leaf absent or very weak  
Frequency of plants with recurved flag leaves high  
Time of panicle emergence early  
Glaucosity of flag leaf sheath medium to strong  
Length (stem and panicle) long

#### Stem

Hairiness of uppermost node absent or very weak

#### Glumes

Glaucosity strong  
Length medium to long

#### Panicle

Attitude of branches semi-erect  
Length short to medium

#### Primary Grain

Lemma glaucosity medium to strong  
Husk present  
Hairiness of back of lemma not applicable  
Hairiness of base absent or weak  
Length of basal hairs short to medium  
Frequency of awns absent or low  
Lemma length medium to long  
Length of rachilla medium

# CANYON

## CHARACTERS IN DETAIL

### Panicle

Type  
 Branch Attitude drooping

### Spikelets

Attitude  
 Frequency of 3-grain spikelets

### Awns

Abundance absent or very weak

### Glumes

Length medium  
 Glaucosity weak

### Primary Grain

Husk present  
 Lemma - glaucosity - intensity very weak  
 Lemma - colour yellow  
 Lemma - length medium  
 Lemma - hairiness of back  
 Basal hairs - length short  
 Rachilla - length medium

### Culm

Upper culm node hairs - presence absent  
 Upper culm node hairs - intensity n/a

### Plant growth characters

Plant - growth habit semi-erect  
 Lower leaves - hairiness of sheaths absent  
 Leaf blade - hairiness of leaf margin below flag absent or very weak  
 Plant - height (stem and panicle) medium to long  
 Time of panicle emergence medium

## Spring Oats

[AFP 3/525]

# CLYDE

### CHARACTERS IN DETAIL

#### Grain

Colour of lemma white

#### Plant

Growth habit semi-erect to intermediate  
Lower leaf sheath hairiness absent or very weak  
Hairiness of leaf margins below flag leaf weak  
Frequency of plants with recurved flag leaves high to very high  
Time of panicle emergence early to medium  
Glaucosity of flag leaf sheath strong  
Length (stem and panicle) medium to long

#### Stem

Hairiness of uppermost node absent or very weak

#### Glumes

Glaucosity medium to strong  
Length medium

#### Panicle

Attitude of branches horizontal  
Length medium

#### Primary Grain

Lemma glaucosity very weak  
Husk present  
Hairiness of back of lemma not applicable  
Hairiness of base absent or weak  
Length of basal hairs medium  
Frequency of awns absent or low  
Lemma length short to medium  
Length of rachilla medium to long

# CONWAY

## CHARACTERS IN DETAIL

### Panicle

Type	equilateral
Branch Attitude	semi-erect

### Spikelets

Attitude	
Frequency of 3-grain spikelets	

### Awns

Abundance	weak to medium
-----------	----------------

### Glumes

Length	medium
Glaucosity	weak to medium

### Primary Grain

Husk	present
Lemma - glaucosity - intensity	absent or very weak
Lemma - colour	white
Lemma - length	short to medium
Lemma - hairiness of back	absent
Basal hairs - length	medium
Rachilla - length	medium

### Culm

Upper culm node hairs - presence	absent
Upper culm node hairs - intensity	n/a

### Plant growth characters

Plant - growth habit	semi-erect
Lower leaves - hairiness of sheaths	weak
Leaf blade - hairiness of leaf margin below flag	medium
Plant - height (stem and panicle)	medium
Time of panicle emergence	medium

Variety Name: **Delfin**

Crop :

Breeder's Reference: NORD 13/130

AFP No: 3/394

Breeder: NORDSAAT

Translated from: German

Origin:

Date: 23 March 2017

Code: DELF

*Plant - growth habit:	Intermediate
Lower leaves - hairiness of sheaths:	Absent or very weak
*Leaf blade - hairiness of leaf margins below flag leaf:	Absent or very weak
*Time of panicle emergence:	Medium
*Plant - height (stem and panicle):	
Frequency of plants with recurved flag leaves:	Medium
Flag leaf - glaucosity of sheath:	
*Culm - hairiness of uppermost node:	
Culm - intensity of hairiness of uppermost node:	
Panicle - type:	
Panicle - branch attitude:	Semi erect to horizontal
Panicle - length:	Medium
Spikelets - attitude:	
Spikelets - frequency 3- grained spikelets:	
Glumes - glaucosity:	
Glumes - fluorescence:	
Glumes - length:	
*Primary grain - husk:	Present
Primary grain - tip acuteness:	
*Primary grain - lemma glaucosity:	
Primary grain - tendency to be awned:	Absent or very weak
Primary grain - lemma length:	Medium
*Primary grain - lemma colour:	Yellow
Primary grain - lemma hairiness of back (not white or	
Primary grain - basal hairs abundance:	Weak
Primary grain - basal hairs length:	Short to medium
Primary grain - rachilla length:	Short to medium
Primary grain - rachilla width:	
Primary grain - rachilla grooves:	
Primary grain - rachilla hairs:	
Seasonal type:	Spring
Extra characters:	

\* = Characteristics which should always be included in the description of the variety.

28 March 2017

## Spring Oats

[AFP 3/528]

# EVERLEAF003

### CHARACTERS IN DETAIL

#### Grain

Colour of lemma white

#### Plant

Growth habit semi-erect to intermediate  
Lower leaf sheath hairiness absent or very weak  
Hairiness of leaf margins below flag leaf absent or very weak  
Frequency of plants with recurved flag leaves low  
Time of panicle emergence medium to late  
Glaucosity of flag leaf sheath strong  
Length (stem and panicle) long

#### Stem

Hairiness of uppermost node absent or very weak

#### Glumes

Glaucosity strong  
Length medium

#### Panicle

Attitude of branches semi-erect  
Length short to medium

#### Primary Grain

Lemma glaucosity weak  
Husk present  
Hairiness of back of lemma not applicable  
Hairiness of base medium to strong  
Length of basal hairs medium to long  
Frequency of awns absent or low  
Lemma length short  
Length of rachilla medium

## Spring Oats

[AFP 3/529]

# EVERLEAF004

### CHARACTERS IN DETAIL

#### Grain

Colour of lemma white

#### Plant

Growth habit semi-erect to intermediate  
Lower leaf sheath hairiness absent or very weak  
Hairiness of leaf margins below flag leaf absent or very weak  
Frequency of plants with recurved flag leaves very high  
Time of panicle emergence late  
Glaucosity of flag leaf sheath medium to strong  
Length (stem and panicle) short to medium

#### Stem

Hairiness of uppermost node strong

#### Glumes

Glaucosity medium  
Length medium to long

#### Panicle

Attitude of branches semi-erect  
Length medium

#### Primary Grain

Lemma glaucosity weak  
Husk present  
Hairiness of back of lemma not applicable  
Hairiness of base absent or weak  
Length of basal hairs long  
Frequency of awns absent or low  
Lemma length medium  
Length of rachilla medium to long

## ICENI

### CHARACTERS IN DETAIL

#### Panicle

Type

Branch Attitude

semi-erect to horizontal

#### Spikelets

Attitude

Frequency of 3-grain spikelets

#### Awns

Abundance

absent or very weak

#### Glumes

Length

Glaucosity

medium

medium

#### Primary Grain

Husk

Lemma - glaucosity - intensity

Lemma - colour

Lemma - length

Lemma - hairiness of back

Basal hairs - frequency

Basal hairs - length

Rachilla - length

absent (naked type)

n/a

n/a

n/a

n/a

n/a

n/a

n/a

#### Culm

Upper culm node hairs - presence

Upper culm node hairs - intensity

absent

n/a

#### Plant growth characters

Plant - growth habit

Lower leaves - hairiness of sheaths

Leaf blade - hairiness of leaf margin below flag

Plant - height (stem and panicle)

Time of panicle emergence

semi-erect to intermediate

absent

weak to medium

medium

early

## Spring Oats

[AFP 3/508]

# JACKY

### CHARACTERS IN DETAIL

#### Grain

Colour of lemma white

#### Plant

Growth habit semi-erect to intermediate  
Lower leaf sheath hairiness absent or very weak  
Hairiness of leaf margins below flag leaf absent or very weak  
Frequency of plants with recurved flag leaves high to very high  
Time of panicle emergence medium  
Glaucosity of flag leaf sheath strong  
Length (stem and panicle) long to very long

#### Stem

Hairiness of uppermost node absent or very weak

#### Glumes

Glaucosity medium to strong  
Length medium to long

#### Panicle

Attitude of branches horizontal  
Length long

#### Primary Grain

Lemma glaucosity medium  
Husk present  
Hairiness of back of lemma not applicable  
Hairiness of base weak to medium  
Length of basal hairs short to medium  
Frequency of awns absent or low  
Lemma length medium  
Length of rachilla medium

**KWS VIBRANT****CHARACTERS IN DETAIL****Grain**

Colour of lemma	white
-----------------	-------

**Plant**

Growth habit	semi-erect
Lower leaf sheath hairiness	absent or very weak
Hairiness of leaf margins below flag leaf	absent or very weak
Frequency of plants with recurved flag leaves	high to very high
Time of panicle emergence	medium
Glaucosity of flag leaf sheath	medium
Length (stem and panicle)	medium

**Stem**

Hairiness of uppermost node	absent or very weak
-----------------------------	---------------------

**Glumes**

Glaucosity	medium
Length	medium

**Panicle**

Attitude of branches	semi-erect
Length	medium to long

**Primary Grain**

Lemma glaucosity	absent or very weak
Husk	present
Hairiness of back of lemma	n/a
Hairiness of base	absent or weak
Length of basal hairs	short to medium
Frequency of awns	absent or low
Lemma length	short to medium
Length of rachilla	medium

# LENNON

## CHARACTERS IN DETAIL

### Panicle

Type	equilateral
Branch Attitude	semi-erect to horizontal

### Spikelets

Attitude	pendulous
Frequency of 3-grain spikelets	

### Awns

Abundance	absent or very weak
-----------	---------------------

### Glumes

Length	medium to long
Glaucosity	weak to medium

### Primary Grain

Husk	absent (naked type)
Lemma - glaucosity - intensity	n/a
Lemma - colour	n/a
Lemma - length	n/a
Lemma - hairiness of back	n/a
Basal hairs - length	n/a
Rachilla - length	n/a

### Culm

Upper culm node hairs - presence	absent
Upper culm node hairs - intensity	n/a

### Plant growth characters

Plant - growth habit	semi-erect
Lower leaves - hairiness of sheaths	absent
Leaf blade - hairiness of leaf margin below flag	very weak to weak
Plant - height (stem and panicle)	short to medium
Time of panicle emergence	medium

Variety Name: **Lion**

Crop : **Spring Oat**

Breeder's Reference: NORD 15/137

AFP No:

Breeder: NORDSAAT

Translated from: German

Origin:

Date: 05 May 2020

Code: LIIN

*Plant - growth habit:	Intermediate
Lower leaves - hairiness of sheaths:	Absent or very weak
*Leaf blade - hairiness of leaf margins below flag leaf:	Absent or very weak
*Time of panicle emergence:	Early to medium
*Plant - height (stem and panicle):	Medium to long
Frequency of plants with recurved flag leaves:	High
Flag leaf - glaucosity of sheath:	
*Culm - hairiness of uppermost node:	Absent
Culm - intensity of hairiness of uppermost node:	NA
Panicle - type:	
Panicle - branch attitude:	Semi erect to horizontal
Panicle - length:	Medium
Spikelets - attitude:	
Spikelets - frequency 3- grained spikelets:	
Glumes - glaucosity:	Strong
Glumes - fluorescence:	
Glumes - length:	Short to medium
*Primary grain - husk:	Present
Primary grain - tip acuteness:	
*Primary grain - lemma glaucosity:	Weak
Primary grain - tendency to be awned:	Very weak to weak
Primary grain - lemma length:	Medium
*Primary grain - lemma colour:	Yellow
Primary grain - lemma hairiness of back (not white or	
Primary grain - basal hairs abundance:	
Primary grain - basal hairs length:	Very short
Primary grain - rachilla length:	Short
Primary grain - rachilla width:	
Primary grain - rachilla grooves:	
Primary grain - rachilla hairs:	
Seasonal type:	Spring
Extra characters:	

\* = Characteristics which should always be included in the description of the variety.

06 May 2020

# MERLIN

## CHARACTERS IN DETAIL

### Panicle

Type

Branch Attitude

semi-erect to horizontal

### Spikelets

Attitude

Frequency of 3-grain spikelets

### Awns

Abundance

weak

### Glumes

Length

Glaucosity

medium

medium to strong

### Primary Grain

Husk

Lemma - glaucosity - intensity

Lemma - colour

Lemma - length

Lemma - hairiness of back

Basal hairs - frequency

Basal hairs - length

Rachilla - length

present

weak

yellow

medium to long

n/a

very weak to weak

short-medium

medium

### Culm

Upper culm node hairs - presence

Upper culm node hairs - intensity

absent

n/a

### Plant growth characters

Plant - growth habit

Lower leaves - hairiness of sheaths

Leaf blade - hairiness of leaf margin below flag

Plant - height (stem and panicle)

Time of panicle emergence

semi-erect

absent

absent or very weak

short to medium

early to medium

Variety Name: **Navigator**

Crop : **Spring Oat**

Breeder's Reference: STH 10112

AFP No:

Breeder: owdowla Roslin Strzelce

Translated from:

Origin:

Date: 28 April 2020

Code: NAWI

\*Plant - growth habit:

Semi erect

Lower leaves - hairiness of sheaths:

Absent or very weak

\*Leaf blade - hairiness of leaf margins below flag leaf:

Absent or very weak

\*Time of panicle emergence:

Medium

\*Plant - height (stem and panicle):

Medium

Frequency of plants with recurved flag leaves:

Flag leaf - glaucosity of sheath:

\*Culm - hairiness of uppermost node:

Absent

Culm - intensity of hairiness of uppermost node:

NA

Panicle - type:

Equilateral

Panicle - branch attitude:

Horizontal

Panicle - length:

Medium

Spikelets - attitude:

Pendulous

Spikelets - frequency 3- grained spikelets:

Medium

Glumes - glaucosity:

Medium

Glumes - fluorescence:

Glumes - length:

Present

\*Primary grain - husk:

Primary grain - tip acuteness:

\*Primary grain - lemma glaucosity:

Absent or very weak

Primary grain - tendency to be awned:

Absent or very weak

Primary grain - lemma length:

Medium

\*Primary grain - lemma colour:

Yellow

Primary grain - lemma hairiness of back (not white or

NA

Primary grain - basal hairs abundance:

Strong

Primary grain - basal hairs length:

Medium

Primary grain - rachilla length:

Short

Primary grain - rachilla width:

Primary grain - rachilla grooves:

Primary grain - rachilla hairs:

Seasonal type:

Spring

Extra characters:

\* = Characteristics which should always be included in the description of the variety.

06 May 2020

## Spring Oats

[AFP 3/509]

# NEPTUN

### CHARACTERS IN DETAIL

#### Grain

Colour of lemma yellow

#### Plant

Growth habit semi-erect to intermediate  
Lower leaf sheath hairiness absent or very weak  
Hairiness of leaf margins below flag leaf absent or very weak  
Frequency of plants with recurved flag leaves high  
Time of panicle emergence medium  
Glaucosity of flag leaf sheath medium to strong  
Length (stem and panicle) long to very long

#### Stem

Hairiness of uppermost node absent or very weak

#### Glumes

Glaucosity medium  
Length medium

#### Panicle

Attitude of branches horizontal  
Length medium to long

#### Primary Grain

Lemma glaucosity medium  
Husk present  
Hairiness of back of lemma not applicable  
Hairiness of base absent or weak  
Length of basal hairs short to medium  
Frequency of awns absent or low  
Lemma length medium  
Length of rachilla medium

## Spring Oats

[AFP 3/510]

# NOVA

### CHARACTERS IN DETAIL

#### Grain

Colour of lemma white

#### Plant

Growth habit semi-erect to intermediate  
Lower leaf sheath hairiness absent or very weak  
Hairiness of leaf margins below flag leaf absent or very weak  
Frequency of plants with recurved flag leaves very high  
Time of panicle emergence medium  
Glaucosity of flag leaf sheath medium to strong  
Length (stem and panicle) long to very long

#### Stem

Hairiness of uppermost node medium to strong

#### Glumes

Glaucosity weak  
Length medium

#### Panicle

Attitude of branches semi-erect  
Length medium to long

#### Primary Grain

Lemma glaucosity absent or very weak  
Husk present  
Hairiness of back of lemma n/a  
Hairiness of base absent or weak  
Length of basal hairs n/a  
Frequency of awns absent or low  
Lemma length short to medium  
Length of rachilla medium to long

Variety Name: **Oliver**

Crop : **Spring oat**

Breeder's Reference: SG-K 7202

AFP No:

Breeder: SELGEN

Translated from:

Origin:

Date: 30 August 2016

Code: OLVR

**\*Plant - growth habit:**

Semi erect

**Lower leaves - hairiness of sheaths:**

Absent or very weak

**\*Leaf blade - hairiness of leaf margins below flag leaf:**

Absent or very weak

**\*Time of panicle emergence:**

Medium to late

**\*Plant - height (stem and panicle):**

Medium

**Frequency of plants with recurved flag leaves:**

Low to medium

**Flag leaf - glaucosity of sheath:**

**\*Culm - hairiness of uppermost node:**

Not applicable

**Culm - intensity of hairiness of uppermost node:**

**Panicle - type:**

Horizontal

**Panicle - branch attitude:**

**Panicle - length:**

**Spikelets - attitude:**

**Spikelets - frequency 3- grained spikelets:**

**Glumes - glaucosity:**

**Glumes - fluorescence:**

**Glumes - length:**

**\*Primary grain - husk:**

Absent

**Primary grain - tip acuteness:**

**\*Primary grain - lemma glaucosity:**

Not applicable

**Primary grain - tendency to be awned:**

Absent or very weak

**Primary grain - lemma length:**

Not applicable

**\*Primary grain - lemma colour:**

Not applicable

**Primary grain - lemma hairiness of back (not white or**

**Primary grain - basal hairs abundance:**

Not applicable

**Primary grain - basal hairs length:**

Not applicable

**Primary grain - rachilla length:**

Not applicable

**Primary grain - rachilla width:**

**Primary grain - rachilla grooves:**

**Primary grain - rachilla hairs:**

**Seasonal type:**

Spring

**Extra characters:**

\* = Characteristics which should always be included in the description of the variety.

28 March 2018

**OVATION****CHARACTERS IN DETAIL****Plant**

Growth habit	intermediate
Lower leaf sheath hairiness	medium to strong
Hairiness of leaf margins below flag leaf	medium
Frequency of plants with recurved flag leaves	high
Time of panicle emergence	early to medium
Length (stem and panicle)	medium to long

**Stem**

Hairiness of uppermost node	absent
Intensity of hairs of uppermost node	n/a

**Panicle**

Attitude of branches	semi-erect to horizontal
Length	medium to long

**Glumes**

Glaucosity	weak to medium
Length	medium to long

**Primary Grain**

Lemma glaucosity	n/a
Husk	absent (naked type)
Tendency to be awned	absent or very weak
Lemma length	n/a
Lemma colour	n/a
Hairiness of back of lemma	n/a
Hairiness of base	n/a
Length of basal hairs	n/a
Length of rachilla	n/a

Variety Name: **Patrik**

Crop: **Spring Oat**

Breeder's SG-K 5568

AFP No:

Breeder: SELGEN

Translated from:

Origin:

Date: 20 May 2020

Code: TRIK

*Plant - growth habit:	Semi erect to intermediate
Lower leaves - hairiness of sheaths:	Absent or very weak
*Leaf blade - hairiness of leaf margins below flag leaf:	Absent or very weak
*Time of panicle emergence:	Medium to late
*Plant - height (stem and panicle):	
Frequency of plants with recurved flag leaves:	Low to medium
Flag leaf - glaucosity of sheath:	
*Culm - hairiness of uppermost node:	Absent
Culm - intensity of hairiness of uppermost node:	NA
Panicle - type:	
Panicle - branch attitude:	Semi erect to horizontal
Panicle - length:	
Spikelets - attitude:	
Spikelets - frequency 3- grained spikelets:	
Glumes - glaucosity:	Medium
Glumes - fluorescence:	
Glumes - length:	Short ot medium
*Primary grain - husk:	Absent
Primary grain - tip acuteness:	
*Primary grain - lemma glaucosity:	NA
Primary grain - tendency to be awned:	Absent or very weak
Primary grain - lemma length:	NA
*Primary grain - lemma colour:	NA
Primary grain - lemma hairiness of back (not white or	
Primary grain - basal hairs abundance:	NA
Primary grain - basal hairs length:	NA
Primary grain - rachilla length:	NA
Primary grain - rachilla width:	
Primary grain - rachilla grooves:	
Primary grain - rachilla hairs:	
Seasonal type:	
Extra characters:	Spring

\* = Characteristics which should always be included in the description of the variety.

04 May 2022

# PIP

## CHARACTERS IN DETAIL

### Panicle

Type

Branch Attitude

semi-erect to horizontal

### Spikelets

Attitude

Frequency of 3-grain spikelets

### Awns

Abundance

absent or very weak

### Glumes

Length

Glaucosity

medium

medium to strong

### Primary Grain

Husk

Lemma - glaucosity - intensity

Lemma - colour

Lemma - length

Lemma - hairiness of back

Basal hairs - frequency

Basal hairs - length

Rachilla - length

present

absent or very weak

yellow

short to medium

n/a

very weak to weak

short-medium

medium to long

### Culm

Upper culm node hairs - presence

Upper culm node hairs - intensity

absent

absent or very weak

### Plant growth characters

Plant - growth habit

Lower leaves - hairiness of sheaths

Leaf blade - hairiness of leaf margin below flag

Plant - height (stem and panicle)

Time of panicle emergence

semi-erect to intermediate

very weak

medium

short to medium

early

## Spring Oats

[AFP 3/554]

# RGT HAMILTON

### CHARACTERS IN DETAIL

#### Grain

Colour of lemma

white

#### Plant

Growth habit

semi-erect to intermediate

Lower leaf sheath hairiness

medium

Hairiness of leaf margins below flag leaf

weak to medium

Frequency of plants with recurved flag leaves

high

Time of panicle emergence

early to medium

Glaucosity of flag leaf sheath

medium to strong

Length (stem and panicle)

long

#### Stem

Hairiness of uppermost node

absent or very weak

#### Glumes

Glaucosity

medium to strong

Length

medium

#### Panicle

Attitude of branches

semi-erect

Length

medium

#### Primary Grain

Lemma glaucosity

absent or very weak

Husk

present

Hairiness of back of lemma

not applicable

Hairiness of base

absent or weak

Length of basal hairs

short

Frequency of awns

absent or low

Lemma length

short to medium

Length of rachilla

medium

## Spring Oats

[AFP 3/531]

# RGT HATTON

### CHARACTERS IN DETAIL

#### Grain

Colour of lemma white

#### Plant

Growth habit semi-erect to intermediate  
Lower leaf sheath hairiness absent or very weak  
Hairiness of leaf margins below flag leaf weak  
Frequency of plants with recurved flag leaves high  
Time of panicle emergence medium  
Glaucosity of flag leaf sheath medium to strong  
Length (stem and panicle) long

#### Stem

Hairiness of uppermost node absent or very weak

#### Glumes

Glaucosity weak to medium  
Length short to medium

#### Panicle

Attitude of branches horizontal  
Length medium to long

#### Primary Grain

Lemma glaucosity absent or very weak  
Husk present  
Hairiness of back of lemma not applicable  
Hairiness of base absent or weak  
Length of basal hairs medium  
Frequency of awns absent or low  
Lemma length short  
Length of rachilla medium

## RGT IBANEZ

### CHARACTERS IN DETAIL

#### Panicle

Type  
Branch Attitude semi-erect

#### Spikelets

Attitude  
Frequency of 3-grain spikelets

#### Awns

Abundance absent or very weak

#### Glumes

Length medium  
Glaucosity weak to medium

#### Primary Grain

Husk present  
Lemma - glaucosity - intensity absent or very weak  
Lemma - colour white  
Lemma - length medium  
Lemma - hairiness of back n/a  
Basal hairs - frequency absent or very weak  
Basal hairs - length short-medium  
Rachilla - length medium

#### Culm

Upper culm node hairs - presence absent  
Upper culm node hairs - intensity n/a

#### Plant growth characters

Plant - growth habit semi-erect to intermediate  
Lower leaves - hairiness of sheaths weak to medium  
Leaf blade - hairiness of leaf margin below flag weak  
Plant - height (stem and panicle) long  
Time of panicle emergence early to medium

## RGT VAUGHAN

### CHARACTERS IN DETAIL

#### Panicle

Type

Branch Attitude

semi-erect to horizontal

#### Spikelets

Attitude

Frequency of 3-grain spikelets

#### Awns

Abundance

absent or very weak

#### Glumes

Length

Glaucosity

medium  
very weak

#### Primary Grain

Husk

Lemma - glaucosity - intensity

Lemma - colour

Lemma - length

Lemma - hairiness of back

Basal hairs - frequency

Basal hairs - length

Rachilla - length

present  
absent or very weak  
white  
short to medium  
n/a  
weak to medium  
medium  
medium to long

#### Culm

Upper culm node hairs - presence

Upper culm node hairs - intensity

absent  
n/a

#### Plant growth characters

Plant - growth habit

Lower leaves - hairiness of sheaths

Leaf blade - hairiness of leaf margin below flag

Plant - height (stem and panicle)

Time of panicle emergence

semi-erect  
weak  
weak to medium  
medium to long  
medium

Variety Name: **Santini**

Crop : **Spring oats**

Breeder's Reference: SG-K 8464

AFP No:

Breeder: SELGEN

Translated from: Czech

Origin:

Date: 26 March 2020

Code: SANT

**\*Plant - growth habit:**

Semi erect to intermediate

**Lower leaves - hairiness of sheaths:**

Absent or very weak

**\*Leaf blade - hairiness of leaf margins below flag leaf:**

Absent or very weak

**\*Time of panicle emergence:**

Medium

**\*Plant - height (stem and panicle):**

Short to medium

**Frequency of plants with recurved flag leaves:**

Low

**Flag leaf - glaucosity of sheath:**

**\*Culm - hairiness of uppermost node:**

Absent

**Culm - intensity of hairiness of uppermost node:**

NA

**Panicle - type:**

**Panicle - branch attitude:**

Semi erect

**Panicle - length:**

Medium

**Spikelets - attitude:**

**Spikelets - frequency 3- grained spikelets:**

Weak to medium

**Glumes - glaucosity:**

**Glumes - fluorescence:**

Medium

**Glumes - length:**

**\*Primary grain - husk:**

Absent

**Primary grain - tip acuteness:**

**\*Primary grain - lemma glaucosity:**

NA

**Primary grain - tendency to be awned:**

Absent or very weak

**Primary grain - lemma length:**

NA

**\*Primary grain - lemma colour:**

NA

**Primary grain - lemma hairiness of back (not white or**

NA

**Primary grain - basal hairs abundance:**

NA

**Primary grain - basal hairs length:**

NA

**Primary grain - rachilla length:**

**Primary grain - rachilla width:**

**Primary grain - rachilla grooves:**

**Primary grain - rachilla hairs:**

**Seasonal type:**

Spring

**Extra characters:**

\* = Characteristics which should always be included in the description of the variety.

06 May 2020

# SPURTLE

## CHARACTERS IN DETAIL

### Panicle

Type  
 Branch Attitude semi-erect

### Spikelets

Attitude  
 Frequency of 3-grain spikelets

### Awns

Abundance absent or very weak

### Glumes

Length medium  
 Glaucosity medium

### Primary Grain

Husk present  
 Lemma - glaucosity - intensity absent or very weak  
 Lemma - colour white  
 Lemma - length short  
 Lemma - hairiness of back n/a  
 Basal hairs - length n/a  
 Rachilla - length medium to long

### Culm

Upper culm node hairs - presence present  
 Upper culm node hairs - intensity weak to medium

### Plant growth characters

Plant - growth habit semi-erect  
 Lower leaves - hairiness of sheaths absent  
 Leaf blade - hairiness of leaf margin below flag absent or very weak  
 Plant - height (stem and panicle) short  
 Time of panicle emergence medium

# TIMPANI

## CHARACTERS IN DETAIL

### Panicle

Type

Branch Attitude

erect to semi-erect

### Spikelets

Attitude

Frequency of 3-grain spikelets

### Awns

Abundance

absent or very weak

### Glumes

Length

Glaucosity

medium

absent or very weak

### Primary Grain

Husk

Lemma - glaucosity - intensity

Lemma - colour

Lemma - length

Lemma - hairiness of back

Basal hairs - frequency

Basal hairs - length

Rachilla - length

present

absent or very weak

white

medium

n/a

absent or very weak

short

medium to long

### Culm

Upper culm node hairs - presence

Upper culm node hairs - intensity

present

medium

### Plant growth characters

Plant - growth habit

Lower leaves - hairiness of sheaths

Leaf blade - hairiness of leaf margin below flag

Plant - height (stem and panicle)

Time of panicle emergence

semi-erect to intermediate

weak to medium

weak to medium

long

early to medium

## Spring Oats

[AFP 3/522]

# TRENT

### CHARACTERS IN DETAIL

#### Grain

Colour of lemma yellow

#### Plant

Growth habit semi-erect to intermediate  
Lower leaf sheath hairiness absent or very weak  
Hairiness of leaf margins below flag leaf absent or very weak  
Frequency of plants with recurved flag leaves high to very high  
Time of panicle emergence medium  
Glaucosity of flag leaf sheath strong  
Length (stem and panicle) long

#### Stem

Hairiness of uppermost node absent or very weak

#### Glumes

Glaucosity medium  
Length medium to long

#### Panicle

Attitude of branches semi-erect  
Length long

#### Primary Grain

Lemma glaucosity absent or very weak  
Husk present  
Hairiness of back of lemma not applicable  
Hairiness of base weak to medium  
Length of basal hairs medium to long  
Frequency of awns absent or low  
Lemma length short to medium  
Length of rachilla medium

## Vision

### CHARACTERS IN DETAIL

#### Grain

Colour of lemma yellow

#### Plant

Growth habit semi-erect to intermediate  
Lower leaf sheath hairiness absent or very weak  
Hairiness of leaf margins below flag leaf absent or very weak  
Frequency of plants with recurved flag leaves high to very high  
Time of panicle emergence early to medium  
Glaucosity of flag leaf sheath medium to strong  
Length (stem and panicle) long to very long

#### Stem

Hairiness of uppermost node absent or very weak

#### Glumes

Glaucosity medium to strong  
Length medium to long

#### Panicle

Attitude of branches semi-erect  
Length medium to long

#### Primary Grain

Lemma glaucosity absent or very weak  
Husk present  
Hairiness of back of lemma not applicable  
Hairiness of base absent or weak  
Length of basal hairs short  
Frequency of awns absent or low  
Lemma length short to medium  
Length of rachilla medium

## WPB ISABEL

### CHARACTERS IN DETAIL

#### Panicle

Type

Branch Attitude

erect to semi-erect

#### Spikelets

Attitude

Frequency of 3-grain spikelets

#### Awns

Abundance

absent or very weak

#### Glumes

Length

Glaucosity

medium  
very weak

#### Primary Grain

Husk

Lemma - glaucosity - intensity

Lemma - colour

Lemma - length

Lemma - hairiness of back

Basal hairs - frequency

Basal hairs - length

Rachilla - length

present  
absent or very weak  
white  
short to medium  
n/a  
very weak to weak  
short  
medium to long

#### Culm

Upper culm node hairs - presence

Upper culm node hairs - intensity

absent  
n/a

#### Plant growth characters

Plant - growth habit

Lower leaves - hairiness of sheaths

Leaf blade - hairiness of leaf margin below flag

Plant - height (stem and panicle)

Time of panicle emergence

intermediate  
weak  
weak  
long  
medium

**WPB MIMIC****CHARACTERS IN DETAIL****Grain**

Colour of lemma	white
-----------------	-------

**Plant**

Growth habit	semi-erect
Lower leaf sheath hairiness	absent or very weak
Hairiness of leaf margins below flag leaf	absent or very weak
Frequency of plants with recurved flag leaves	very high
Time of panicle emergence	early to medium
Glaucosity of flag leaf sheath	medium to strong
Length (stem and panicle)	long

**Stem**

Hairiness of uppermost node	absent or very weak
-----------------------------	---------------------

**Glumes**

Glaucosity	medium to strong
Length	medium

**Panicle**

Attitude of branches	semi-erect
Length	medium to long

**Primary Grain**

Lemma glaucosity	absent or very weak
Husk	present
Hairiness of back of lemma	n/a
Hairiness of base	absent or weak
Length of basal hairs	short to medium
Frequency of awns	absent or low
Lemma length	medium
Length of rachilla	medium

# ZENITH

## CHARACTERS IN DETAIL

### Panicle

Type

Branch Attitude

semi-erect to horizontal

### Spikelets

Attitude

Frequency of 3-grain spikelets

### Awns

Abundance

absent or very weak

### Glumes

Length

Glaucosity

long

medium to strong

### Primary Grain

Husk

Lemma - glaucosity - intensity

Lemma - colour

Lemma - length

Lemma - hairiness of back

Basal hairs - frequency

Basal hairs - length

Rachilla - length

present

medium to strong

yellow

long to very long

n/a

very weak to weak

medium

medium to long

### Culm

Upper culm node hairs - presence

Upper culm node hairs - intensity

absent

n/a

### Plant growth characters

Plant - growth habit

Lower leaves - hairiness of sheaths

Leaf blade - hairiness of leaf margin below flag

Plant - height (stem and panicle)

Time of panicle emergence

intermediate

absent

absent or very weak

medium to long

early to medium